



Missouri Teacher Preparation Institution PROFILE

UNIVERSITY OF MISSOURI-COLUMBIA

GENERAL INFORMATION

About the Institution

- The University of Missouri was established in Columbia in 1839 as the first public university west of the Mississippi River. In 1870, the university was approved as a land-grant university under the Morrill Act of 1862. The University of Missouri-Columbia, with its 18 schools and colleges, is Missouri's selective, research university with a statewide mission at the professional and doctoral level. MU provides enhanced opportunities and challenges in the undergraduate areas of humanities, arts and science, and in selected professional fields, and its mission in research and doctoral education provides the basis for service to the people of the state via outreach programs.

Source: Undergraduate Catalog, University of Missouri-Columbia, 1999-2001

- Enrollment* **22,930** (17,811 undergraduates)

African American	6.0%
American Indian	0.5%
Asian	2.3%
Hispanic	1.4%
White	81.8%
Other	8.0%

Missouri residents 83% (undergraduates)

Male	47.8%
Female	52.2%

*Fall 1999 Headcount

Source: 1999-2000 Statistical Summary of Missouri Higher Education (Tables 19a, 19b, 32a & 32b)

Transfer Students from Missouri Public Community Colleges* 320

*Fall 1998 degree-seeking undergraduate students

Source: 1998-1999 Statistical Summary of Missouri Higher Education (Tables 73a & 73b)

Bright Flight Scholarship Students¹ 2,488

Source: 1998-1999 Statistical Summary of Missouri Higher Education, July 1999 (Tables 18a & 18b)

Byrd Scholarship Students (Missouri residents)² 124

Source: Missouri Department of Elementary and Secondary Education

- Entrance Requirements

Admission to the freshman class is based on a student's probability of success with MU coursework. Factors considered include the applicant's ACT score, class rank and high school core course work.

Source: Undergraduate Catalog, University of Missouri-Columbia, 1999-2001

- Average ACT Score of 1994 Freshmen Class*³ 24.7

*Fall 1994 degree-seeking, ACT-tested, first-time freshmen

Source: 1994-1995 Statistical Summary of Missouri Higher Education, Missouri Coordinating Board for Higher Education (Tables 1.1 & 1.2)

Compiled
by the
Missouri
Department of
Elementary
and Secondary
Education
August 2000

- Tuition & Fees, Typical Full-time Undergraduate Student*

<u>Missouri Resident</u>	<u>Non-resident</u>
\$4,581	\$12,495

*1999-2000 academic year

Source: 1999-2000 Statistical Summary of Missouri Higher Education

About the Education Program

- Educator preparation is predicated upon three design principles. These principles state that the programs must 1) be organized around the problems of practice, 2) provide opportunities for reflection-in-action and reflection-about-action among novices and experts, and 3) include assessment of student performance in complex situations of practice, appropriate to the practitioner's level of training.

The teacher preparation program is based on and structured around the 10 MoSTEP Quality Indicators. Knowledge and competencies are demonstrated by candidates throughout the program and catalogued in a certification portfolio focused on effective practices, reflective processes, and inquiry.

The program is divided into four phases:

- Phase I—Students are immersed into the discipline and culture of teaching and learning. Experiences are primarily dedicated to the learner and address areas including learning and development, instructional strategies, classroom and behavior management, assessment, diversity and technology.
- Phase II—Focus increasingly shifts to the students' chosen teaching discipline and the specific applications of Phase I skills to a particular subject and/or level. Additionally, students learn how to navigate the social and political climates of schools and to view the school as part of the community.
- Phase III—This is a 16-week student teaching internship with capstone experience.
- Phase IV—After a student graduates from MU, the "Induction Years" program is designed to support and further the learning of first- and second-year teachers.

The governance structure of the program includes an associate dean for academic programs whose office includes the director of teacher development programs. Additionally, there is an Undergraduate Teacher Development Committee comprised of faculty who provide direction and oversight.

Source: University of Missouri-Columbia, August 2000

- Enrollment in Undergraduate Professional Education Programs* **1,196** (42 part-time)

American Indian	0.3%
Asian	0.9%
African American	3.9%
Hispanic	0.8%
White	92.2%
Other	0.0%
Nonresident Aliens	0.0%
Unknown	1.8%
Missouri residents	Not Reported
Male	22.4%
Female	77.6%

*Fall 1998 Headcount (full-time students)

Source: Institution AACTE/NCATE Report, Oct. 1, 1999

Transfer Students from Missouri Public Community Colleges*

31

*Fall 1999 degree-seeking undergraduate students

NOTE: Students transferred to the UMC College of Education for the fall 1999 semester from these Missouri public community colleges: St. Louis (Meramec and Florissant Valley), St. Charles, Jefferson, Longview, Maple Woods, Moberly.

Source: University of Missouri-Columbia, April 2000

Missouri Teacher Education Scholarship Students ⁴

30

Missouri Minority Teaching Scholarship Students ⁵

13

Source: Missouri Department of Elementary and Secondary Education

• Education Program Entrance Requirements

Following are baseline criteria for admittance to Phase II of the Undergraduate Teacher Development Program*:

- current enrollment in the College of Education
- 2.750 UM and overall GPA
- 22 on ACT or 1010 on the Recentered SAT
- 235 on each subtest of the C-BASE
- English 20 and Math 10 with a 2.000** or better
- satisfactory completion of any selected additional course in the certification major
- possession of characteristics associated with effective performance in a professional role at the level(s) and in the major(s) selected
- approved degree plan (approval by faculty in certification area)
- demonstration of competence of Phase I learning markers (as documented by Inquiry into Learning instructors)

*In limited enrollment areas, additional evidence may be required of applicants.

**A straight C is considered a 2.000; C- is equivalent to 1.700.

Source: Undergraduate Catalog, University of Missouri-Columbia, 1999-2001

• Information about Education Program Completers ⁶

Recommended for initial Missouri certification in 1998

257

Age

Under 25	81%
25-34	15%
35-44	3%
45-54	0.4%
55 and over	0.0%

Source: Missouri Department of Elementary and Secondary Education

Average ACT score ⁷ (for initial Missouri certification in 1998)

25.4

Source: ACT Inc. Research Services

C-BASE scores ⁸

Passed all five subjects *first time*

Took Test	Passed all Subjects	English			Writing			Math			Science			Social St.		
		Min	Max	Medn	Min	Max	Medn	Min	Max	Medn	Min	Max	Medn	Min	Max	Medn
191	173	248	460	347	240	430	345	241	491	382	238	467	355	237	470	346

Passed all five subjects, *one or more attempts* through December 1998

Took Test	Passed all Subjects	English (313)*			Writing (314)*			Math (314)*			Science (306)*			Social St. (303)*		
		Min	Max	Medn	Min	Max	Medn	Min	Max	Medn	Min	Max	Medn	Min	Max	Medn
201	192	238	460	346	240	430	343	241	491	377	238	467	353	237	470	343

*state median score

Source: Assessment Resource Center

Employed in Missouri public schools⁹ in 1998-99* 176 (68%)

Missouri public school districts employing University of Missouri-Columbia
1998 program completers 80

Major employers of University of Missouri-Columbia 1998 program completers

Blue Springs R-IV	4	Washington	4	Rockwood R-VI	7
Lee's Summit R-VII	4	Hazelwood	5	Columbia 93	41
Lindbergh R-VIII	4	Jefferson City	6		
Warren County R-III	4	Parkway C-2	6		

**Does not include individuals employed in public schools in another state, employed in private schools in Missouri or another state, or who received their teaching credentials but were employed in another field or unemployed*
Source: Missouri Department of Elementary and Secondary Education

RESOURCES

Institution

- Full-time Faculty at UMC 2,479

Source: 1998-1999 Statistical Summary of Missouri Higher Education (Tables 44a & 44b)

Education Program

- Full-time Education Program Faculty 47

American Indian	0
Asian	0
African American	1
Hispanic	1
White	45
Nonresident Aliens	0
Other	0
Male	27
Female	20
Doctorate Degree	47
Missouri Teaching Certificate	Not Reported
National Board Certification	0

- Adjunct Education Program Faculty 77

Full-time with the institution, part-time in education	9
Part-time in education	37
Graduate teaching assistants	31

Source: University of Missouri-Columbia, August 2000

EDUCATION PROCESSES

Institution

- Student-to-Faculty Ratio* 18.8:1
- Average Class Size* **Not Reported**

**undergraduate and graduate program*

Source: University of Missouri-Columbia, Office of Institute Research, May 1999

Education Program

- Student-to-Faculty Ratio 19.5:1 (full-time faculty)
12.1:1 (full-time and adjunct faculty)

- Average Class Size 20-25

Source: University of Missouri-Columbia Office of Institute Research, May 1999

- Practical Experience Requirements for Education Majors

Every professional education course has an accompanying field experience. This begins in the first semester of the sophomore year and occurs every semester of the program until graduation. The final semester of the program is a 16-week student teaching internship.

Source: University of Missouri-Columbia, May 1999

- Professional Development School(s)

The College of Education is part of the MU Partnership for Educational Renewal with 20 public school districts, the College of Arts and Science, the Department of Elementary and Secondary Education, and the Learning Exchange. The executive director of the partnership facilitates a variety of programs that connect public schools to the College of Education in ways that benefit the ongoing activities of both. Additionally, all College of Education field experiences are facilitated through the partnership.

Source: University of Missouri-Columbia Office of Institute Research, May 1999

- Co-curricular Programs

Co-curricular activities in the College of Education include the Undergraduate Education Student Council, Education Ambassadors, Education Honor Society, and numerous student chapters of professional organizations.

Source: University of Missouri-Columbia Office of Institute Research, May 1999

- Instructional Technology Requirements

The College of Education uses the International Society for Technology Education standards as the minimum standards for students. The ISTE standards reflect professional studies in education providing fundamental knowledge, skills and attitudes for applying information technology in educational settings. All candidates seeking initial certification or endorsements in teacher preparation programs will meet these educational technology foundation standards.

Source: University of Missouri-Columbia, April 2000

PERFORMANCE

- Missouri certificates* issued in 1998 to UMC education program completers, by subject area and grade level

Subject Area	Grade Level	Recommended for Certification
Agricultural Education	7-12	1
Agricultural Education	9-12	8
Art	K-12	2
Biology	7-12	1
Business Education Except Shorthand	9-12	7
Early Childhood Education	PK-3	34
Elementary Education	1-6	78
English	7-12	1
English	9-12	23
French	K-12	2
French	K-9	1
General Sciences	5-9	7
General Sciences	7-12	1

German	K-12	1
German	K-9	1
Language Arts	5-9	7
Marketing	9-12	1
Mathematics	5-9	4
Mathematics	9-12	17
Mild/Moderate: Behavior Disordered	K-12	21
Mild/Moderate: Learning Disabled	K-12	20
Mild/Moderate: Mentally Handicapped	K-12	20
Music – Instrumental	K-12	5
Music – Vocal	K-12	2
Physical Education	7-12	1
Social Science	5-9	9
Social Science	7-12	2
Social Science	9-12	41
Spanish	K-12	12
Speech/Language Specialist	K-12	8
Speech/Theatre	9-12	1
Unified Science: Biology	9-12	11
Unified Science: Chemistry	9-12	4
Vocational Family and Consumer Sciences	9-12	3
Total		357

*Number of certificates issued, not number of graduates

Source: Missouri Department of Elementary and Secondary Education

- Performance of Program Completers* on Praxis II Exit Exam ¹⁰

	Total Examinees	Number Passing	Qualifying Score	Institutional Average	Missouri Average	National Median
Agriculture	7	7	490	584	566	570
Art Education	2	2	500	620	625	630
Biology	11	11	480	787	690	690
Business Education	7	7	550	651	656	640
Chemistry	3	3	440	697	587	560
Early Childhood Education	34	34	500	706	663	660
Education in the Elementary School	67	67	520	671	631	630
Elementary Education: Curriculum, Instruction & Assessment	1	1	164	199	182	180
English Language & Literature	21	21	500	613	606	600
German	1	1	450	470	470	600
Home Economics Education	3	3	560	693	661	650
Mathematics	14	14	550	675	648	610
Music Education	6	6	510	692	632	620
Professional Knowledge	21	21	638	669	666	663
Social Studies	36	36	500	621	617	600
Spanish	7	7	490	620	592	580
Special Education	20	20	490	663	632	630
Speech Communication	1	1	530	680	667	670
Speech-Language Pathology	8	8	560	726	675	670
Total	270	270				

*Individuals recommended for initial Missouri certification in 1998

Source: Educational Testing Service

- Follow-up on UMC Program Completers

Education program completers who received initial Missouri certification in 1993

301

Employed in Missouri public schools in

1994-95	169 (56%)
1995-96	166 (55%)
1996-97	155 (52%)
1997-98	144 (48%)
1998-99	138 (46%)

Employed in Missouri public schools in 1998-99, with master's degree

47 (16%)

Employed in the same Missouri public school district in

1994-95	169 (56%)
1994-96	132 (44%)
1994-97	112 (37%)
1994-98	87 (29%)
1994-99	70 (23%)

Certification Status as of Sept. 1, 1999

Holding Valid PC I	15 (5%)
Holding Valid PC II	175 (58%)
Lapsed ¹¹	111 (37%)

Source: Missouri Department of Elementary and Secondary Education

Major Employers¹²

Missouri school districts employing UMC graduates* 445

The University of Missouri-Columbia had 8,712 graduates teaching in Missouri public schools during the 1998-99 school year.

Columbia 93 employed 12 percent (1,079) of the 8,712 graduates teaching in Missouri public schools during the 1998-99 school year.

School districts where UMC graduates make up 25-49 percent of faculty

Blackwater R-II	Fayette R-III	Moberly	Prairie Home R-V
Boonville R-I	Franklin R-II	Moniteau R-V	Salisbury R-IV
Bowling Green R-I	Fulton 58	Montgomery R-II	South Callaway R-II
Cainsville R-I	Gasconade R-I	New Franklin R-I	Southwest R-I
Callaway R-III	Hale R-I	New Haven	Van Far R-I
Callao C-8	Harrisburg R-VIII	North Callaway R-I	Warren R-III
Carrollton R-VII	Holliday C-2	Northeast R-IV	Wellsville Middletown R-I
Cole R-II	Howard R-II	Paris R-II	Westran R-I
Community R-VI	Jefferson City	Pattonsburg R-II	
Cooper C-4	Madison C-3	Pettis R-XII	
Cooper R-IV	Malta Bend R-V	Pike R-III	

School districts where UMC graduates make up 50-74 percent of faculty

Centralia R-VI	Middle Grove C-1	Sturgeon R-V
Mexico 59	Southern Boone R-I	

School districts where UMC graduates make up 75 percent or more of faculty

Boone R-IV	Columbia 93
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*Includes all graduates of UMC teaching in the district, not just those who completed the education program

Source: Missouri Department of Elementary and Secondary Education

<u>STARR Teachers</u> ¹³	18
<u>National Board Certified Teachers</u> ¹⁴	13
<u>Missouri Teachers of the Year</u> ¹⁵	4

Source: Missouri Department of Elementary and Secondary Education

Other Honors and Awards Earned by Graduates

Not Reported